



Memorial Sloan Kettering
Cancer Center

February 16, 2022

GSO* German Scholars
Organization



Succeeding in your future postdoc

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Career Advisor at
Memorial Sloan Kettering Cancer Center

Succeeding in your future postdoc: How to find a postdoc, how to enjoy it, and how to plan your career

Thalyana Stathis, PhD

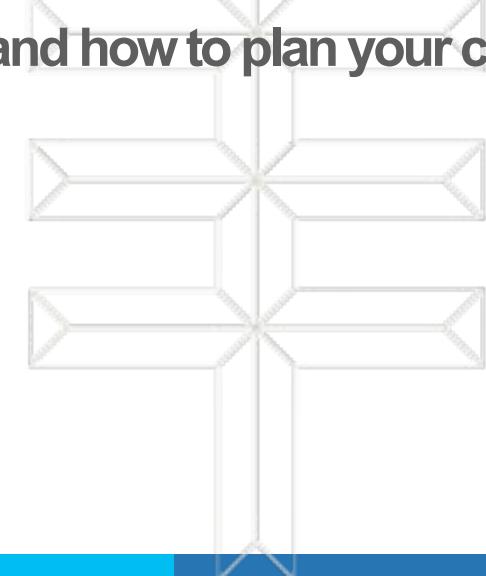
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*disclaimer: my own thoughts and opinions



Thalyana's perspective on giving career advice to PhDs and postdocs

Workshops and Courses

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We offer more than 50 workshops and courses per year to help trainees build the skills they need to be successful scientists. Topics change regularly to reflect the needs of the postdoc population.

Recent workshops and courses include:

Career Exploration Events

- Roundtable networking events with MSK alumni who have transitioned into exciting careers
- Webinars that explore career options outside of New York City
- The Annual Tri-I Career Symposium
- Site visits to companies that regularly hire our postdocs and students
- Academic Job Search Bootcamp



Professional Development Workshops

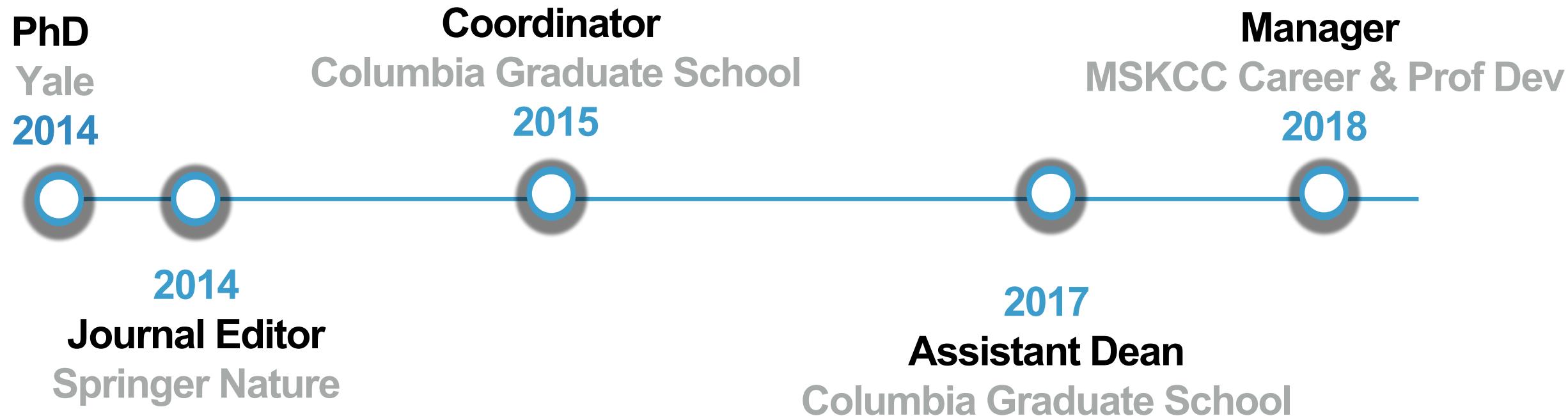
- Funding for postdoc research
- Communicating science to a lay audience
- Networking for scientists
- Time and project management
- Leadership for scientists
- Introduction to undergraduate science teaching
- Transitioning to research independence
- Mock chalk talks
- Nonacademic job searches
- Interviewing and negotiating basics
- Converting a CV into a resume

Scientific Skill-Building Classes

- Animal models of cancer
- Differential gene expression analysis with R
- Image handling and analysis
- Best practices in programming for reproducibility in science
- Intro to proteomics
- Foundations of Data Science
- Flow cytometry from basics to multicolor and multichannel

Training to be successful during your PhD/postdoc
Navigate any challenges during your PhD/postdoc
Plan your career after your PhD/postdoc
Develop skills to help you succeed in future career
→universal themes

Thalyana's perspective on giving career advice to PhDs and postdocs



Today's Topics

Why and how to consider doing a postdoc as part of your career

Research opportunities at MSKCC and in NYC

Types of career options after your postdoc

Finding postdoc opportunities

Applying for a postdoc and how to be a strong candidate

Choosing a postdoc advisor and lab

Learning about important resources at an institution (examples from MSKCC)

Utilizing supportive networks during your postdoc

Being productive and achieving your learning goals during your postdoc

Launching your career after your postdoc

Today's Topics

For PhD Students, Postdocs

Junior Faculty: interviewing candidates and mentoring postdocs

Why and how to consider doing a postdoc as part of your career

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Launching your career after your postdoc

After today's session

- Slides
- More information about research opportunities at MSKCC, how to navigate our website, how to get in touch

1

Why and how to consider doing a postdoc
as part of your career

What is a postdoc?

- An individual holding a doctoral level degree who is engaged in a temporary period of mentored research and/or scholarly training for the purpose of acquiring the professional skills needed to pursue a career path of his or her choosing. *Definition from the National Postdoctoral Association*

Considerations for doing a postdoc after the PhD

- A training period for a future faculty career, and other research careers

You know how to conduct research in your PhD field; now:

Continuing to gain new expertise

Preparing to lead a research program and lab members

- What new field would you like to explore (likely closer to the work you will do as a faculty member)? Interdisciplinary research with PhD?

Similar research area with new techniques? (ex. cancer genomics, model organisms)

Different research area with same techniques? (ex. bioinformatics, genetics to pathology)

Different research area and new techniques?

- What new skills would you like to learn and new environment to work in?

Opportunities to publish (first, co-author, review), present, and write grants

Opportunities to design projects independently

Opportunities to collaborate with labs in other fields

Opportunities to mentor other researchers

- Try a different lab culture from your PhD lab – there are pros and cons to big and small labs, and to working with junior and senior faculty members, so try out both!

Successful postdocs Thalyana has worked with

- It's not just about having a good publication record!
- A collaborative spirit for your science and for your career development
- Be open to "networking" (forming relationships) with a wide variety of people in different environments, and always be ready to promote yourself
- Rely on your network for mentorship, support, guidance, and an expanded network

New environment to work in during your postdoc

- Research is an international enterprise and benefits from large networks and collaborations
- Becoming familiar with different research approaches, teams, communication styles, and collaboration methods is key
- Studies on the career benefits of an international research exchange during PhD or for postdoc
- Some of MSK's international postdocs did a research exchange or internship through their PhD program before coming back to MSK for a postdoc in another lab



ABOUT US ACTIVITIES EVENTS EU UNIVERSITIES

This first webinar, organized in cooperation with the consulting company [Chaperone](#), intended to highlight the added value for the career development of doctoral candidates to get to know different research environments and research approaches, to be integrated in other teams, to communicate the thesis results however preliminary to other groups, to establish and reinforce collaborations. The webinar also aimed at providing an overview of how institutions and funding agencies (i.e. governments, Erasmus+ programme, etc.) are encouraging placements and secondments at other institutions.

[Biographies and abstracts of speakers](#)

UNICA Doctoral Education Webinar: “The impact of international experience in the academic careers of Doctoral candidates”

Presentations

- [Internationalisation as a strategic priority of doctoral education and its impact of early-stage researchers](#), by Alexander HASGALL, Head of the EUA Council for Doctoral Education
- [What does internationalization, or the lack of it, mean to academic research and researchers?](#), by Joana MOSCOSO, Chaperone
- [International experience – important for Early Career Researchers?](#), by Agnieszka ŹYRA, President, European Council of Doctoral Candidates and Junior Researchers (EURODOC)
- [International experience: What's in a name? Big and small opportunities](#), by Ayla DE PAEPE, Career Program Manager, KI Career Service, Karolinska Institutet

2

Your postdoc strategy: an international experience?
Research opportunities at MSKCC and in NYC



Local NYC Activities

Memorial Sloan Kettering is located on the Upper East Side of Manhattan. The surrounding neighborhood is filled with restaurants, coffee houses, and other businesses that cater to the many students and faculty of the three academic institutions in the immediate vicinity: MSK, Rockefeller, and Weill Cornell. Our campus is only a few blocks from Central Park, which offers miles of bicycling and running trails, tennis courts, skating rinks, outdoor concerts, and more.

The MSK campus also borders the East River Park Promenade, which features a bicycling, running, and skating path with breathtaking views of the East River and the many bridges that connect Manhattan to Queens, the Bronx, and Brooklyn.

We are also in walking distance of many world-renowned museums, including the Metropolitan Museum of Art, the Neue Gallery, the Guggenheim Museum, El Museo del Barrio, the Asia Society, and more.

Beyond that, the rest of New York's five boroughs are but a subway ride away. Within just a few square miles, you'll have access to some of the best theater, music, food, and sports to be found anywhere. New York City truly has something for everyone.



MSK postdocs take in a Cyclones game.

Science and the City

With its vast academic, clinical, pharmaceutical, and financial resources, New York City is one of the most exhilarating places to prepare for a future at the leading edge of scientific research. We encourage trainees to take advantage of the City's educational and biotechnology resources.

The [New York Academy of Sciences](#) opens its doors to postdocs for a wide range of events, and also sponsors the professional development programs of the Science Alliance. In addition, you can attend roundtables and workshops offered by the [NewYorkBIO](#), a not-for-profit committed to the development of New York's biotechnology industry.



East River view from Roosevelt Island tram

Scientific collaborations are common at Memorial Sloan Kettering and throughout New York City. The National Institutes of Health is currently funding the New York Consortium on Membrane Protein Structure, a collaboration that brings together structural biologists to explore sequence-structure relationships for human membrane proteins and study membrane proteins associated with diabetes and other metabolic diseases.

In addition, New York-area charitable foundations contribute millions of dollars in grants annually to healthcare-related projects. For example, the Tri-



Our Mission Is Discovery

For more than 70 years, the Sloan Kettering Institute has set the pace for biomedical science.

[Explore our research](#)



Welcome to Sloan Kettering Institute

The Sloan Kettering Institute (SKI) is the experimental research arm of Memorial Sloan Kettering Cancer Center. Discoveries made in SKI labs are an important driver of clinical progress at MSK and beyond. Our research spans nine program areas:

- [Cancer Biology & Genetics](#)
- [Cell Biology](#)
- [Chemical Biology](#)
- [Computational & Systems Biology](#)
- [Developmental Biology](#)
- [Immunology](#)
- [Molecular Biology](#)
- [Molecular Pharmacology](#)
- [Structural Biology](#)

- **MSK IMPACT: whole genome sequencing of cancer patients**
- **Immunotherapy for cancer treatment**
- **Neuroscience of patients**
- **Infectious diseases of patients**
- **Stem cells, epigenetics, epidemiology, and more...**

**Consider
research
hospitals or
medical centers if
interested in
translational and
clinical research**



Memorial Sloan Kettering
Cancer Center

Sloan Kettering Institute | Locations | Doctors | Appointments

Adult Patients ▾

Child & Teen Patients ▾

Refer a Patient

Healthcare Professionals ▾

Research Scientists ▾

[For Research Scientists](#) / [Research Programs](#) / [Memorial Hospital Research](#)

Memorial Hospital Research Laboratories



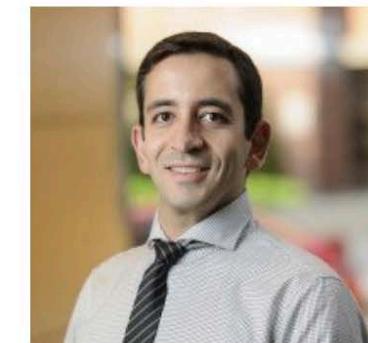
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Print

Within Memorial Hospital, many scientists lead research laboratories, including some physician-scientists who apply insights from the clinic to their laboratory work. Our investigators conduct research ranging from analyzing genetic changes in patient tumor samples to developing new imaging techniques to studying the best ways to optimize radiation therapy delivery.

Learn more about our investigators who head basic and translational research laboratories within Memorial Hospital.



Top cancer research hospitals in US

University of Texas MD Anderson Cancer Center

MSKCC

Mayo Clinic

Dana-Farber Cancer Center

Cleveland Clinic

Johns Hopkins Hospital

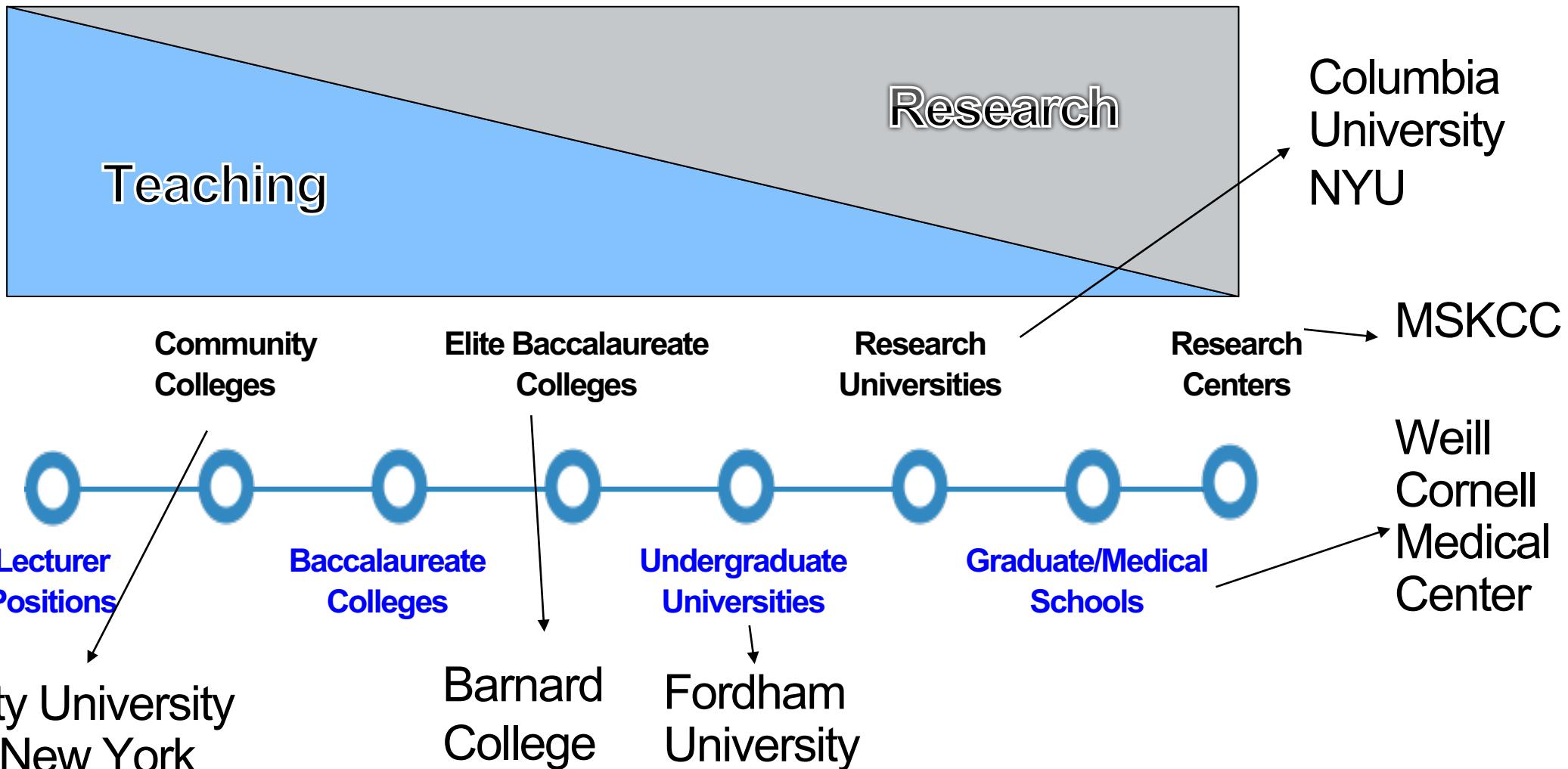
Northwestern Memorial Hospital

Cedars-Sinai Medical Center, Los Angeles

University of Pennsylvania

Moffitt Cancer Center

Another approach: teaching opportunities for postdoc/faculty career in NYC



Explore Types of Teaching Institutions – Carnegie Classifications of Institutions of Higher Ed

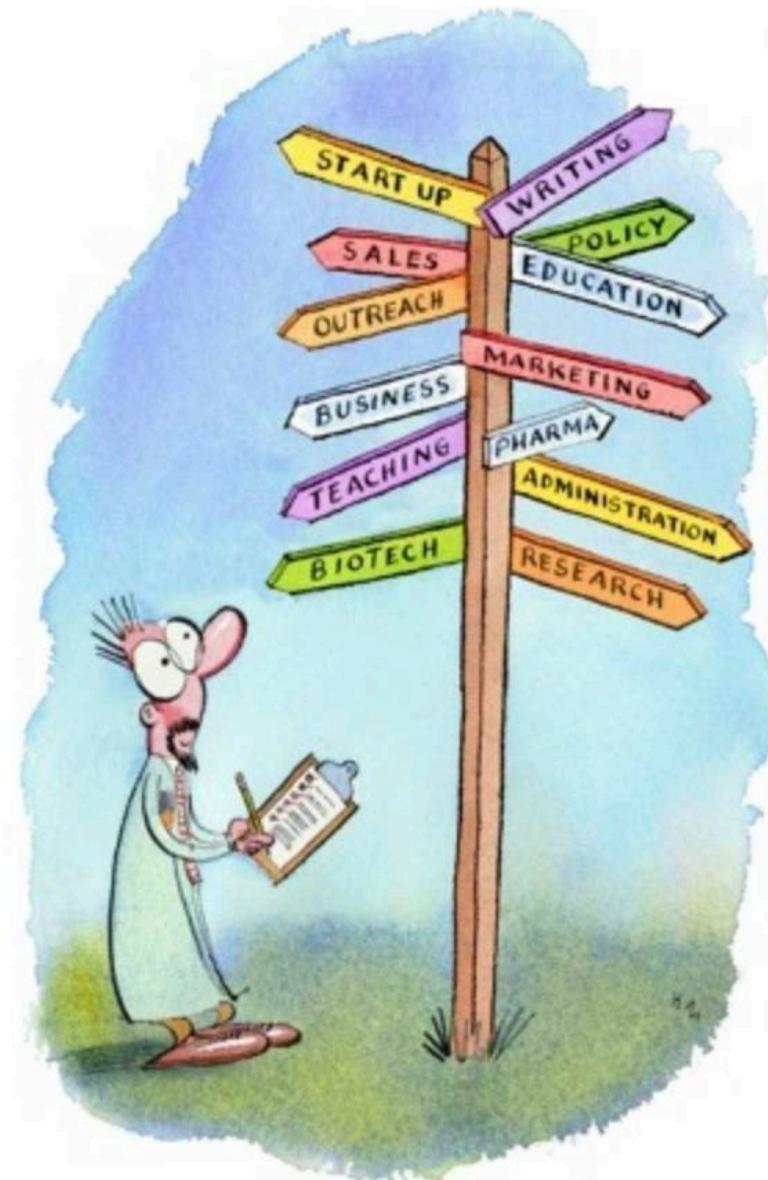
3

Your postdoc strategy:
Types of career options after your postdoc

Successful postdocs Thalyana has worked with

- It's not just about having a good publication record!
- An understanding of career goals after training period:
For interest in academic faculty jobs, discuss with mentor about how you will establish your own niche within the field
For interest in industry or other jobs, work in a lab where mentor is supportive of any career path
- Always find ways to learn new technical skills and soft skills important for any job: leading projects, mentoring junior scientists, working collaboratively in teams, communicating research in different formats to different audiences
→interpret potential for this during the interview

Postdocs have many career options



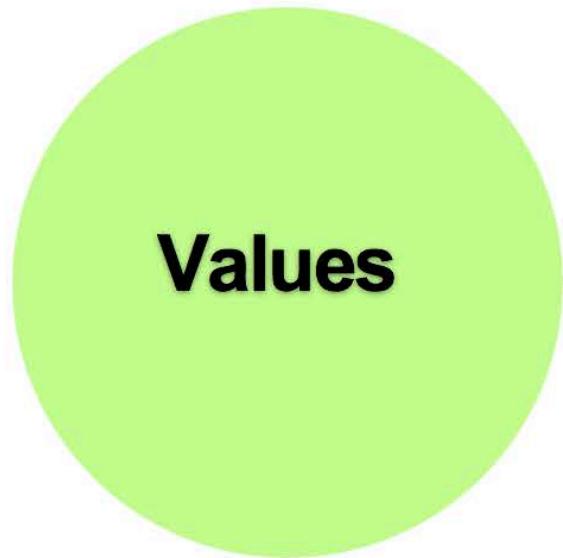
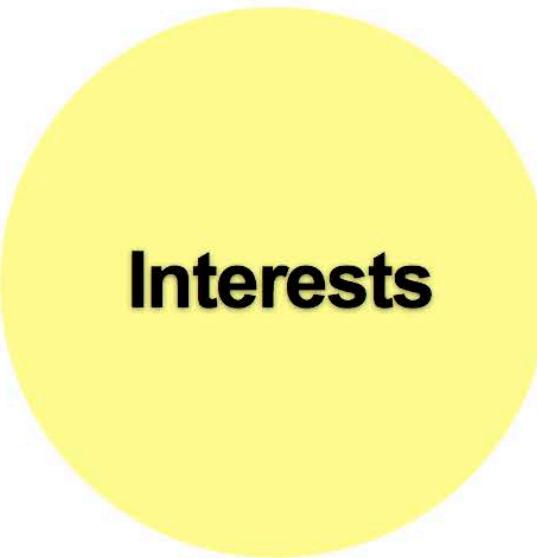
What to do right now?



Science Careers' My Individual Development Plan (myIDP) survey

<http://myidp.sciencecareers.org/>

Science Careers' My Individual Development Plan (myIDP) survey



- This survey is required if your PhD was awarded in the US
- As a postdoc, it is an optional but useful document that you can use to help set and accomplish career goals
- Narrow down your options by utilizing career office resources

Values: What is important to you?



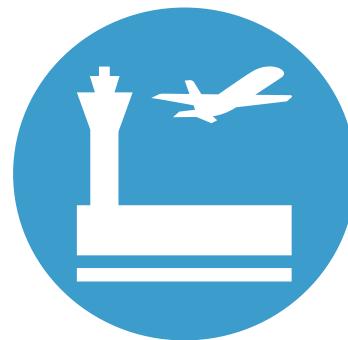
Location



Salary



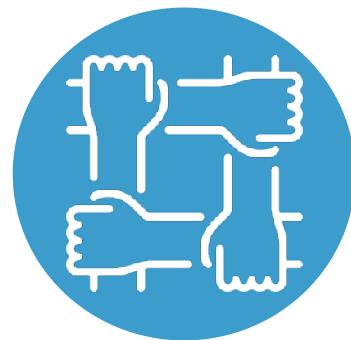
Balance



Travel



Challenge



Team

Career Path**Sales and marketing of science-related products:**

Medical science liaison; technical sales representative; marketing specialist

Science policy:

Public affairs/government affairs staff at scientific societies, foundations, government entities, or think tanks

Science education for non-scientists:

Education or public outreach specialist such as at a science museum or scientific society

Intellectual property:

Patent agent; patent attorney; technology transfer specialist

Research administration:

Research administrator in private or public research institutions, government or academia, including compliance officers, grants and contracts officers; dean or director of research programs

Business of science:

Management consultant; business development professional in a biotech company; venture capitalist; market researcher; investment analyst

Clinical research management:

Clinical research project/trials manager or coordinator

Drug/device approval and production:

Regulatory affairs professional; quality control specialist

Public health related careers:

Public health program analyst or evaluator; epidemiologist; biostatistician; medical informaticist

Support of science-related products:

Technical support specialist; field application specialist; product development scientist or engineer

Entrepreneurship:

Starting your own business

Science writing:

Science, medical, or technical writer or journalist; science editor; science publisher

Scientific/medical testing:

Testing specialist in an environmental, public health, genetics, or forensic science setting (intelligence agencies, federal/state departments of justice); clinical diagnostician

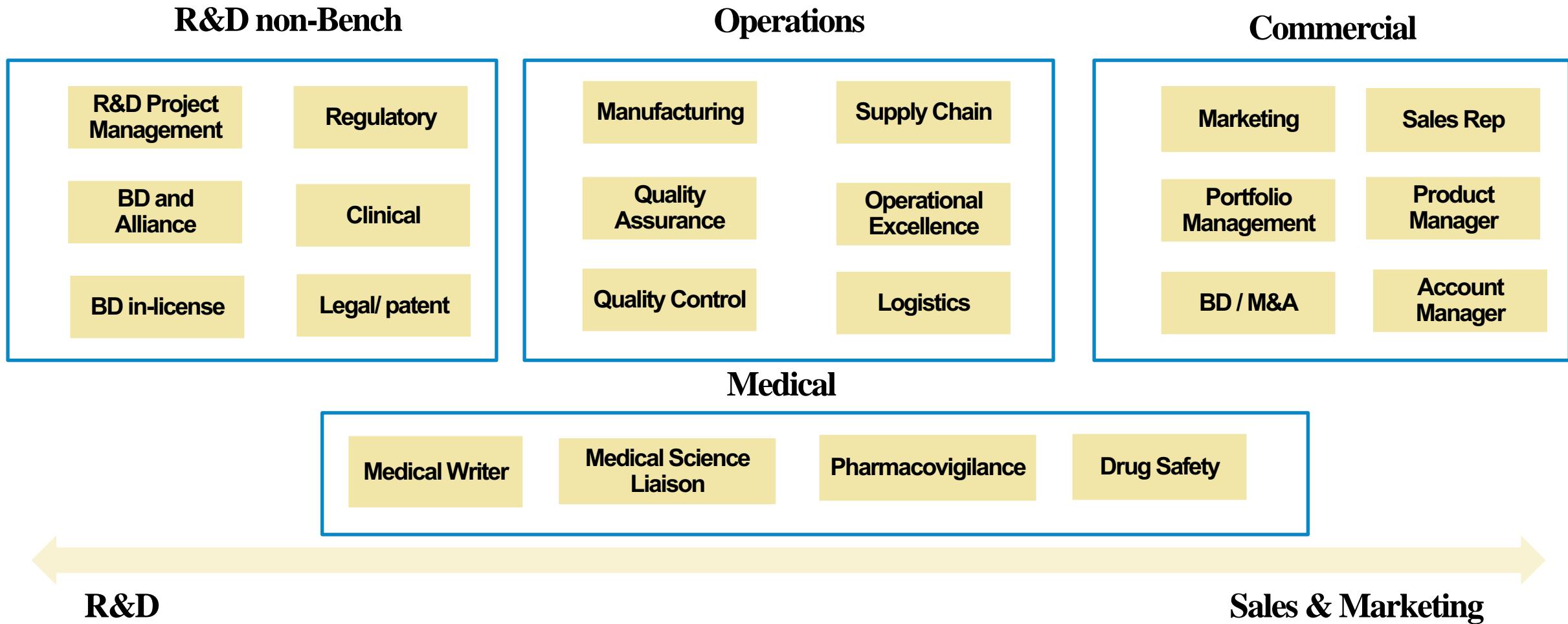
Teaching-intensive careers in academia:

A primarily teaching faculty position in a research university, liberal arts college, community college

Science education for K-12 schools:

Classroom teacher; curriculum developer; science specialist

Industry career options beyond scientist

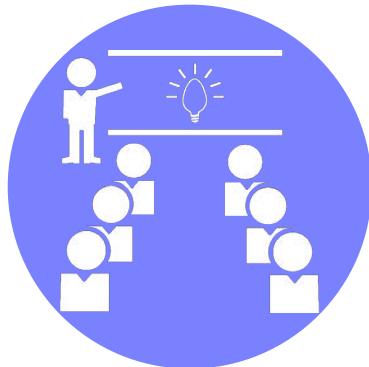


Other common careers outside of industry

Equity
Research



Consulting



Law



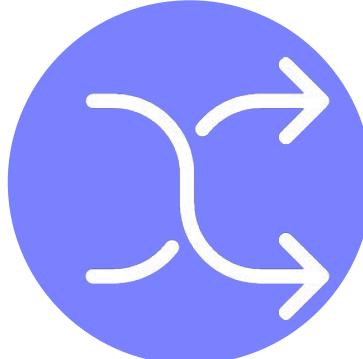
Non-profit



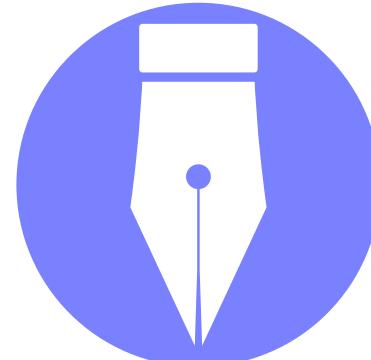
Teaching



Publishing



Medical Communications



Career Outcomes

Postdoctoral Opportunities

Why Choose MSK?

Resources for Postdocs +

Career Development —

Overview

Mentoring

Workshops and Courses

Special Postdoc Events

Prizes and Awards for Postdocs

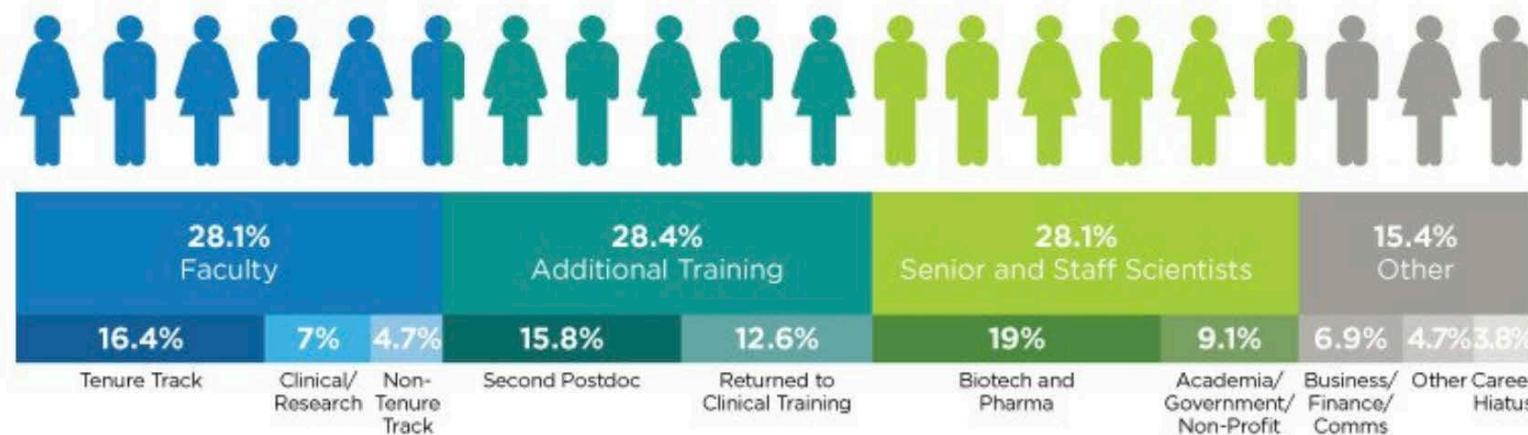
Career Outcomes

Life as a Postdoc

Contact the Office of

SKI Postdoc Career Outcomes June 2014 to June 2020

TITLES/FUNCTIONS*



DEMOGRAPHICS



**Of respondents who reported their title/function (795 out of 862)*

MSK postdocs move on to exciting and varied scientific careers, and we are thrilled to provide a foundation from which they can make their transition. The Office of Career & Professional Development offers one-on-one advice as well as a suite of courses and trainings to be responsive to the careers MSK postdocs choose.

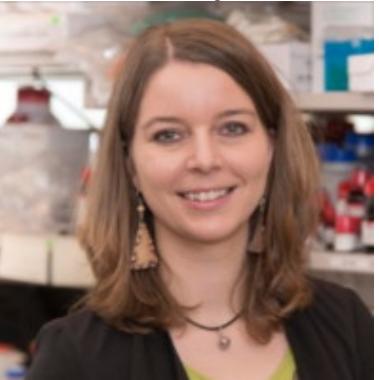
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Your postdoc strategy:
Types of career options after your postdoc
(Is a postdoc always necessary?)

Germany → postdoc at MSKCC → exciting career path



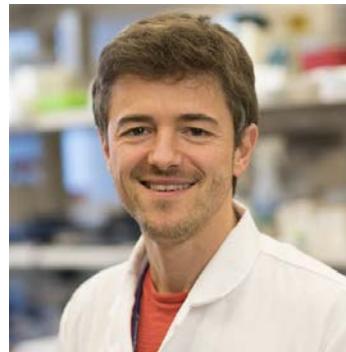
Benedikt Bosbach
Senior Principal Scientist
Pfizer, NYC
Postdoc required for higher role



Susanne Kossatz
Assistant Professor
Technical University of Munich
Postdoc required (did two)



Gesa Junge
Senior Patent Technical Advisor
Cooley LLP, NYC
Postdoc not required



Josef Leibold
Group Leader
University of Tübingen
Postdoc required



Bastian Zimmer
Group Leader
Evotec, Hamburg
Postdoc required for higher role



Wilhelm Palm
Group Leader, DKFZ
Postdoc required

4

Advice on applying for postdoc jobs
Finding postdoc opportunities

Typical ways to apply to postdoc positions

- Discuss with your current advisor and other faculty mentors about research interests and options for postdoc labs
- Contact faculty of interest via email, introduce yourself, and ask about any potential postdoc opportunities
(if you don't see any job opportunities on website, still ask)
- How to make sure your email is read?
Explain any connections: met at an (online) conference
Your network of faculty mentors may suggest people to contact
-send a follow-up email or make a phone call
If your network is unfamiliar with this lab
-still send a follow-up email!
- Potential results: not hiring now but colleague is hiring

Finding postdoc job postings on lab website or on jobs portals

For Research Scientists / Education & Training / Postdoctoral Training

Postdoctoral Training

Postdoctoral Opportunities

Overview

Postdoctoral Researcher

Why Choose MSK?

Resources for Postdocs +

Career Development +

Life as a Postdoc

Contact the Office of Scientific Education and Training (OSET)

Postdoctoral Opportunities

Postdoctoral research training positions are available on an ongoing basis across Memorial Sloan Kettering's 200-plus research laboratories. To apply for a postdoc position, email your CV to the lab head whose research focus matches your area of interest. Please include a customized cover letter describing your background and career objectives.

Find a Postdoc Position

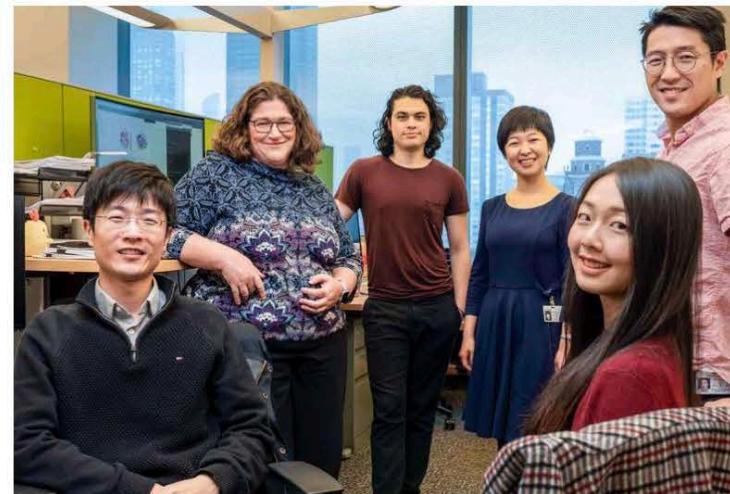
Browse by area of interest:

Find a lab by research topic

Browse labs that are actively recruiting:

Select...

 Share  Print



Members of the Dana Pe'er lab in the Sloan Kettering Institute

Finding postdoc job postings on lab website or on jobs portals

Sloan Kettering Institute / Research / Research Programs / Molecular Biology Program / The Xiaolan Zhao Lab

The Xiaolan Zhao Lab

Research Overview

Featured News

Publications

Open Positions

Overview

Postdoctoral, Graduate Student, & Technician Positions

Photos of the Zhao Lab

Postdoctoral, Graduate Student, & Technician Positions

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Positions are available for postdoctoral fellows, graduate students, and technicians in the research group of Dr. Xiaolan Zhao. We integrate multidisciplinary approaches to study genome maintenance processes that are linked to tumorigenesis, viral infection, and genome instability syndromes. Current focuses of the lab include investigations into i) genome replication, ii) homologous recombination and genetic alterations, iii) SUMO- and checkpoint-mediated DNA damage response, and iv) Smc5/6-mediated chromosomal functions.

The broad research scope provides lab members ample opportunities to explore and discover new principles within each subfield and at their interfaces. The Zhao lab is a leader in the above research areas and provides an excellent research environment. Training and mentoring are provided at multiple levels, such as advancing research abilities, grant writing skills and leadership qualities. Former lab members have thrived, going on to establish independent research groups and attaining leadership positions in companies and non-profit organizations. We are looking for candidates with a passion for science and motivated to make impactful discoveries in a collaborative and fun environment to join us.

MSK is well known for its world-famous cancer hospital and outstanding biological research. We are located in the upper east side of Manhattan, within a vibrant community also comprising the Rockefeller University and Cornell Medical School. This tri-institutional area provides abundant collaborative, learning, and social opportunities and is the home to hundreds of US and international researchers and their families. New York City has a strong genome maintenance community that holds regular meetings and provides rich collaboration and career development opportunities. It is also a one-of-the-kind place to live and to experience world culture and events.

The positions will remain open until filled but early applications are encouraged. Please send a brief cover letter describing your current and future research interests, CV, Expected availability date, and contact information of three references to Dr. Zhao at zhaox1@mskcc.org.

Mailing Address

Memorial Sloan Kettering Cancer Center
430 E. 67th Street
RRL 917D
New York, NY 10065

Email

zhaox1@mskcc.org

Broad research areas with projects that could be designed within each area



Postdoctoral Position in Cancer Signaling and Therapeutics

Company Overview

At Memorial Sloan Kettering (MSK), we're not only changing the way we treat cancer, but also the way the world thinks about it. By working together and pushing forward with innovation and discovery, we're driving excellence and improving outcomes. We're treating cancer, one patient at a time. **Join us and make a difference every day.**

[Submit an Application](#)

Share on your newsfeed



MSK requires all new hires, volunteers, and vendors who come onsite to provide proof of COVID-19 vaccination. This is based on the COVID-19 vaccines' high level of protection and our shared responsibility in protecting our patients.

Beginning on February 21, 2022, MSK will require all new hires, volunteers, and vendors who come onsite to provide proof of complete COVID-19 vaccination series + booster (once eligible). Individuals currently eligible for a COVID-19 booster **must** get their booster, or have an approved exemption as a condition of employment at MSK. Individuals can get their COVID-19 booster 5 months after receiving their second dose of either the Pfizer-BioNTech or Moderna COVID-19 vaccine, or 2 months after the Johnson & Johnson vaccine. Individuals who are not yet eligible for a booster must meet this criteria within 30 days of becoming eligible.

Job Description

Memorial Sloan Kettering Cancer Center (MSK) is one of the world's premier cancer centers, committed to exceptional patient care, leading-edge research, and superb educational programs. The blending of research with patient care is at the heart of everything we do. The institution is a comprehensive cancer center whose purposes are the treatment and control of cancer, the advancement of biomedical knowledge through laboratory and clinical research, and the training of scientists, physicians and other health care workers.

The Piro Lito Laboratory at Memorial Sloan Kettering Cancer Center in New York has immediate openings for postdoctoral associates.

We are interested in understanding the fundamental mechanisms of oncoprotein-dependent signaling in cancer and translating this knowledge into innovative therapeutic strategies for patients. We are particularly interested in understanding the biology of KRAS driven cancers and the modulators of response to emerging KRAS inhibitors. Further insight into the type of work carried out in the lab may be obtained in: Nature, 2021 (PMID: 34759319), Science, 2021 (PMID: 34618566), Nature, 2020 (PMID: 31915379), New England Journal of Medicine, 2020 (PMID: 32955176), Nature Medicine, 2017 (PMID: 28714990) and Science, 2016 (PMID: 26841430).

A post-doctoral position is available for a highly motivated individual with a background in biochemistry, cell and/or molecular biology. Applicants should have a PhD and/or MD and a demonstrated record of outstanding technical and analytical skills in standard laboratory techniques. Enthusiasm for science, an ability to work independently to produce high-quality data and being an inquisitive scientist are imperative.

Expertise must be evident in at least one first-author paper published (or accepted) in a well-reputed journal.

All applications should include the following:

1. Curriculum vitae and three, or more, references.
2. A brief description of past research, including PDFs of previous publications.
3. Future research aspirations.
4. Expected availability date.

Read their recent papers, and then ask what the lab is excited about now!

Memorial Sloan Kettering Cancer Center (MSKCC) is among the top cancer treatment and research centers in the United States. As part of the Tri-Institutes (Sloan Kettering Institute, Weill Cornell Medical College and Rockefeller University), MSKCC's researchers and students enjoy a collaborative, enriching environment and a host of educational and training resources. MSKCC offers competitive pay and benefits, including highly subsidized family housing in Manhattan and child-care.

Returning Candidate? [Log back in!](#)

Post-doctoral Researcher Position - Van den Brink Lab

Company Overview

At Memorial Sloan Kettering (MSK), we're not only changing the way we treat cancer, but also the way the world thinks about it. By working together and pushing forward with innovation and discovery, we're driving excellence and improving outcomes. We're treating cancer, one patient at a time. **Join us and make a difference every day.**

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Job Description

Post-doctoral researcher position available in the van den Brink Lab

Research Area: Generation and evaluation of CAR T cells engineered to treat multiple myeloma.

The van den Brink lab at Memorial Sloan Kettering Cancer Center is looking for a highly motivated post-doc to work on a project involving novel T cell immunotherapies for multiple myeloma. Our lab focuses on a variety of research topics related to cancer immunotherapy, including hematopoietic stem cell transplantation, graft-versus-host disease, effects of the microbiota on transplant outcomes, immune reconstitution/thymic rejuvenation strategies, and CAR T cell therapy for various malignancies.

The CAR T cell group of the van den Brink lab designs novel CAR T cells targeting hematologic malignancies with the goal of improving T cell activity while reducing toxicities. We study CAR T cell activity in syngeneic mouse models and are currently developing xenograft mouse models. This postdoc position will focus on developing next-generation CAR T cells targeting human myeloma antigens with the goal of translating these CAR T cells into clinical application.

Lab Website: <https://www.mskcc.org/research/ski/labs/marcel-van-den-brink>

Responsibilities:

- human T cell cultures and viral transduction
- *in vitro* cell proliferation, protein expression, cell viability, immunophenotyping, and cytotoxicity assays
- CRISPR/Cas9 and gene transfer
- Generation and maintenance of tumor cell lines and virus producing-packaging lines in culture
- Xenograft models of human myeloma in mice
- Mouse handling, injection, and harvesting tissues
- Multi-color flow cytometry
- Molecular cloning of CAR constructs

Qualifications:

- PhD, MD/PhD, or MD completed in cancer immunology, immunotherapy, T cell biology, cell engineering, or related field
- Excellent verbal and written communication skills
- Solid publication record
- Experience with mammalian cell culture and aseptic techniques is essential
- Experience with retroviral/ lentiviral human T cell transduction methods is preferred
- Experience with multi-color flow cytometry panels is preferred
- Experience with mouse handling and procedures is advantageous, but not required

A specific project designed
(perhaps already funded)
→ how much independence with
project design later on in postdoc?

[Submit an Application](#)

Share on your newsfeed



5

Applying for a postdoc and how to be a strong candidate
-be proactive and promote yourself!

The Xiaolan Zhao Lab

Research Overview

Featured News

Publications

Open Positions

Overview

Postdoctoral, Graduate Student, & Technician Positions

Photos of the Zhao Lab

Postdoctoral, Graduate Student, & Technician Positions

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Positions are available for postdoctoral fellows, graduate students, and technicians in the research group of Dr. Xiaolan Zhao. We integrate multidisciplinary approaches to study genome maintenance processes that are linked to tumorigenesis, viral infection, and genome instability syndromes. Current focuses of the lab include investigations into i) genome replication, ii) homologous recombination and genetic alterations, iii) SUMO- and checkpoint-mediated DNA damage response, and iv) Smc5/6-mediated chromosomal functions.

The broad research scope provides lab members ample opportunities to explore and discover new principles within each subfield and at their interfaces. The Zhao lab is a leader in the above research areas and provides an excellent research environment. Training and mentoring are provided at multiple levels, such as advancing research abilities, grant writing skills and leadership qualities. Former lab members have thrived, going on to establish independent research groups and attaining leadership positions in companies and non-profit organizations. We are looking for candidates with a passion for science and motivated to make impactful discoveries in a collaborative and fun environment to join us.

MSK is well known for its world-famous cancer hospital and outstanding biological research. We are located in the upper east side of Manhattan, within a vibrant community also comprising the Rockefeller University and Cornell Medical School. This tri-institutional area provides abundant collaborative, learning, and social opportunities and is the home to hundreds of US and international researchers and their families. New York City has a strong genome maintenance community that holds regular meetings and provides rich collaboration and career development opportunities. It is also a one-of-the-kind place to live and to experience world culture and events.

The positions will remain open until filled but early applications are encouraged. Please send a brief cover letter describing your current and future research interests, CV, Expected availability date, and contact information of three references to Dr. Zhao at zhaox1@mskcc.org.

Mailing Address

Memorial Sloan Kettering Cancer Center
430 E. 67th Street
RRL 917D
New York, NY 10065

Email

zhaox1@mskcc.org

Strong application materials for a postdoc position

- “Expected availability date”

When is the right time to look for a postdoc? Discussion with mentor and thesis committee

6 months before PhD defense date?

- “Cover letter with current and future research interests”

It's all about why this lab is the perfect fit!

Why are you interested in this research and this lab?

What are you hoping to learn from the lab members?

Your previous research shows evidence of productivity and what you can bring to the lab that is currently missing

Strong application materials for a postdoc position

- “Contact information of 3 references”

Ask current or former faculty mentors who will write excellent letters discussing research accomplishments, future research interests and why this lab, career interests, impact on the field, leadership, collegiality

Thesis advisor, thesis committee, director of PhD program

Letter is missing? Have another faculty member in the department explain why they are writing letter instead

- “CV”

Publications, presentations, honors/awards/fellowships/grants

Publications show productivity and completing projects regardless of IF

First author paper, perhaps co-author papers

Using bioRxiv is encouraged!

Discuss publication timeline with current mentor

Sections of a CV – Extrapolate from faculty application to postdoc application

- Contact Information
- Education
- Research Experience
- Publications
- Patents
- Grants/Fellowships/Honors/Awards
- Conference Presentations
- Teaching/Mentoring Experience
- Leadership and Service
- Professional Societies
- References

Formula for a cover letter (instead of this institution, why this lab)

Salutations

- Address letter to hiring committee or committee chairperson (for postdoc positions, address letter to faculty member)

Opening Paragraph

- Why you are writing and how you heard about the position

I am writing to apply for the tenure-track assistant professor position... I am currently a postdoctoral fellow... I am excited about the prospect of joining your institution, known for... I am very excited about this opportunity, as I share your institution's vision to...

My extensive research experience in... would fit well with your research efforts... I look forward to the possibility of working with... with the aim to... Your institution would provide an ideal home to successfully develop my research program by...

Formula for a cover letter (instead of research program, what do you want to learn during postdoc and career goals)

Middle Paragraphs

- Past accomplishments, impact of your work, and funding
- Briefly describe future directions
- Highlight fit for program

As a postdoctoral fellow, I have developed... (cite paper). I have successfully secured extramural funding through...

My postdoctoral training has focused on... As a PhD student, I...

As a junior faculty member, I aim to develop my research program by building on my recently published work... My three main research aims to continue this work are:

Formula for a cover letter (instead of this institution, what could you contribute to this lab)

Closing Paragraph

- Why do you want to apply to this institution
- Point to attached documents
- Thank hiring committee for consideration

I believe that my work would contribute to your institution's goals of... especially...

I have enclosed my curriculum vitae with names of references and my research statement. Thank you for your consideration, and I look forward to hearing from you.

Reference Letters Content (their thoughts on your potential during postdoc and throughout your career)

- Their expertise; focus of their lab
- How long they have known you; your relationship history
- They have observed you excelling in your career; you are an outstanding researcher and are on your way to being a future world leader in the field
- Your accomplishments in your PhD and postdoc
- In their expert opinion, you have a bright future ahead of you because you have high-impact, intriguing and solid research questions for your research program
- You are an outstanding candidate for this position and they are confident you will excel, and you will be a good fit for the institution and will be a good colleague to department members

6

Choosing a postdoc advisor and lab:
Interview must include:

Present thesis research seminar

One-on-one meetings with potential faculty mentor
and each lab member (and small groups)

Can also contact lab alumni to ask questions

-gather lots of information to make informed decisions!

Questions to Ask Potential Groups

For the PI/faculty lead:

- How long do you anticipate being able to support this postdoctoral position financially (1 year? 2 years?)?
- Are you supportive of your postdocs applying for independent funding (fellowships, transition awards, etc...)?
- What is your management & mentoring style?
- What career paths have some of your past postdocs pursued?
- What resources are available in the department, college, or university to support me in my career & professional development?

(the lab should be well-funded, and applying for funding shouldn't be a requirement but rather just practice for the future)

Questions to Ask Potential Groups

For graduate students and/or postdocs in the group you are considering:

- How have you found the environment here? Institutional, Departmental, research group?
- What should I know about how Dr. X interacts with his/her postdocs?

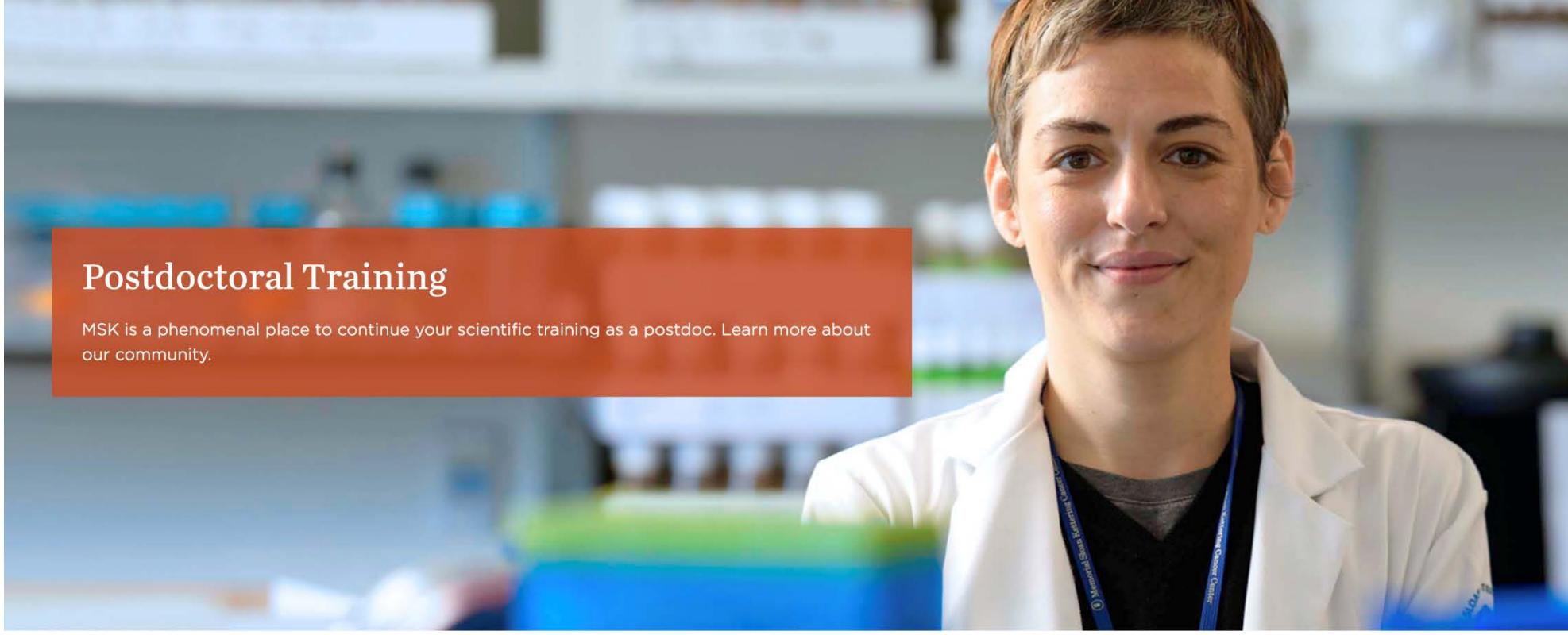
For former graduate students and/or postdocs in the group:

- How was Dr. X as a mentor?
- Did they assist and support you in your career transition?

(also ask neighboring labs if there aren't many current/former students and postdocs in this lab to ask questions!)

7

Learning about important resources at an institution
(examples from MSKCC)



Postdoctoral Training

MSK is a phenomenal place to continue your scientific training as a postdoc. Learn more about our community.

Postdoctoral researchers are the lifeblood of science at Memorial Sloan Kettering. They come from around the country — and the world — to deepen their scientific training and grow as independent scientists. At any one time, nearly 600 postdocs are doing research in MSK laboratories. The majority train in the 100-plus laboratories that make up the [Sloan Kettering Institute](#). Others train in [Memorial Hospital research laboratories](#), including the [Human Oncology and Pathogenesis Program](#), which aims to bridge discoveries made in the laboratory with those made in the clinic.

Why Choose MSK?

Choosing MSK for your postdoc is a wise investment in your future. Among the benefits of training with us are:

- Excellent job prospects
- World-class science
- A vibrant city and community
- Career and professional development
- Housing and childcare
- Competitive compensation and benefits

Open Positions

Interested in pursuing a postdoc at MSK? See which labs are actively recruiting.

[Search positions](#)



Housing and childcare

All incoming postdocs have access to low-cost housing options for a period of three years. For those who stay longer than three years, we offer assistance in securing independent housing. MSK postdocs have access to two daycare centers: one on Roosevelt Island and one in Manhattan. All postdocs have access to additional resources to help secure childcare.

[Learn more about benefits >](#)



Competitive compensation and benefits

MSK postdocs receive a competitive salary as well as full medical, dental, and vision coverage for themselves and any eligible dependents.

[Learn more about benefits >](#)

A postdoc is a training period that should last for a finite amount of time

Promotion after 2-3 or 5-6 years(?)

Memorial Sloan Kettering provides postdoctoral researchers with a highly competitive salary and benefits package with yearly increases. Minimum salary is guided by the postdoc's corresponding title.

MSK has three postdoc titles: two for the early phase, Research Fellow, Research Scholar, and Research Associate for senior postdocs. Title is determined according to the funding source and seniority. Postdocs can hold a Fellow/Scholar/ Associate title at MSK for up to 5 years, with an additional partial 6th year.

Title	Employee Class	Postgraduate Year	Funding Sources	Minimum Salary (3% yearly increases)*
Research Fellow	Trainee (Max: 3 years)	0-2	Laboratory head or some external sources (extramural fellowships, training grants, and/or philanthropic funds)	\$51,900 (year 0)**
Research Scholar	Employee (Max: 3 years)	0-2	Federal sources (salary could be supplemented with institutional and/or philanthropic funds)	\$58,500 (year 0)
Research Associate	Employee (Max: 3 years)	3-5	Laboratory head, some external sources (extramural agencies, institutional training grants, and/or philanthropic funds in full or part)	\$70,000 (year 3)

**This table is not intended to provide a complete description of benefits. Although every effort has been made to ensure that the above information is accurate, the legal documents that describe the postdoctoral classes will govern in the case of any discrepancy. The Office of Postdoctoral Affairs hosts an orientation for incoming postdocs to fully explain compensation and benefits.*

***Research Fellows' and Research Scholars' net pay is equivalent after taxes; Research Scholars pay FICA taxes (Social Security and Medicare); therefore their base salary is adjusted to account for the taxes.*

Make sure that the institution's postdoc office provides all of these benefits and more, including mental health resources

Housing

All incoming postdocs PGY 0 through PGY4 have access to low-cost housing options for a period of three years. All housing is located within a short distance of research labs. At the end of MSK housing eligibility, we offer assistance in securing independent housing.

To begin the housing assignment process, the administrator of the lab that is hosting you must submit a written request to the Housing Office at least three months in advance of your arrival. Assignments are made based on the following criteria: application date, apartment type, affordability, family size, overall apartment availability, and institutional priorities.

If you have questions about the housing services we offer postdoctoral researchers, please call Residential Services at [212-639-7696](#) or [212-639-7697](#).

Medical Benefits

All MSK postdocs receive full medical, dental, and vision coverage for themselves and any eligible dependents. For Research Fellows and Research Scholars, three medical plans are available; all insurance expenses are covered by MSK. For Research Associates, additional medical plan options exist; Research Associates contribute a fractional amount toward their coverage.

Daycare Benefits

Postdocs with children under 4 may find a spot in an MSK-sponsored Bright Horizons Center on either Roosevelt Island or in Manhattan; selection process is based on a lottery system.

Additional Benefits for Research Scholars and Research Associates

Additional benefits available to **Research Scholars** include:

- 403(b) plans
- pre-tax commuter benefits

Research Associates receive the full MSK employee benefits package, including:

- 403(b) plans
- employer matching program
- pre-tax commuter benefits
- life insurance
- long-term disability

Vacation and Sick Time

- **Research Fellows and Research Scholars** are generally allowed two to four weeks of paid leave per year.
- **Research Associates** are eligible for 20 vacation days and 12 federal holidays per year and may bank a combined total of 26 vacation days. Research Associates also accrue one sick day per month, for up to a maximum of 72 sick days.

Parental Leave

Memorial Sloan Kettering provides assistance to postdoctoral researchers who require visa support.

Incoming MSK postdocs can reach out to the pertinent Immigration Services staff member with any questions regarding work-related immigration issues.

Visa Type	Contact	Email	Phone
J-1	Jose A. Bueno-Roca	buenoroj@mskcc.org	646-227-3197
H-1B and Other Visas	Victoria Vigliotti	vigliotv@mskcc.org	646-227-3655
Green Card/Permanent Residence	Adam S. Cohen	cohena@mskcc.org	646-227-3001

Types of Work Visas

Please see below for details on specific types of work visas.

If you need information on citizenship or family-sponsored immigration, or you would like general information about immigration, please visit the US Citizenship and Immigration Services website at www.uscis.gov.

Exchange Visitors (J-1)

MSK is authorized by the U.S. government to sponsor foreign nationals to come to the United States as Exchange Visitors in the "Research Scholar" category for temporary periods of stay (up to five years) to conduct research. The principal document indicating J-1 sponsorship is the Form DS-2019, which is issued by MSK's Immigration Services department. Issuance of the DS-2019 is regulated by the U.S. Department of State. DS-2019 forms may only be issued when MSK's Academic Administration Office approves academic appointments.

- **Two-Year Foreign Residency Requirement (212 [e]).** Some J-1 holders are subject to a two-year foreign residency requirement, called 212(e), which is a reference to the relevant statute, Immigration Act section 212(e). Unless they obtain a waiver, these individuals must return to their country of nationality or previous permanent residence for a period of two years following completion of the J-1 program before they are allowed to return to the United States. Individuals may be subject to the two-year foreign residency requirement for different reasons.
- **Dependent Work Authorization (J-2).** Spouses and dependent children of J-1 holders enter the United States with J-2 status. J-2 holders are entitled to apply for work permission through U.S. Citizenship and Immigration Services. They can apply for this benefit using an I-765 form available at USCIS.gov.

Specialty Workers (H-1B)

This category is reserved for individuals who enter the United States to render services in specialty occupations, which are those that require at least a bachelor's degree. U.S. Citizenship and Immigration Services administers the H-1B program. Individuals do not apply for H-1B status; H-1B is an employer-sponsored program so MSK's Immigration Services Department will apply on your behalf as petitioner. You will become the beneficiary of the petition. H-1B status can be valid for up to six years under normal circumstances, in increments no greater than three years. H-1B extensions beyond six years are possible, under certain circumstances, if you have a permanent residence case pending.

Make sure that the institution has someone assigned to helping postdocs get visas

Become familiar with J-1 and H-1B visas

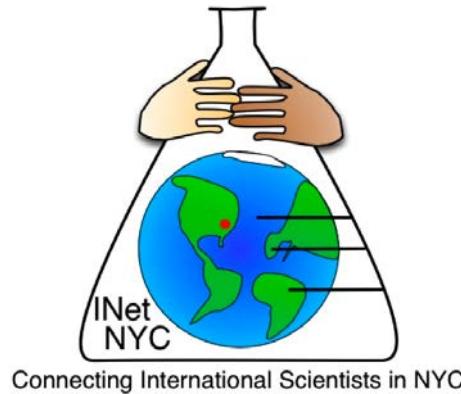
8

Utilizing supportive networks during your postdoc – beyond the lab and research institution

Networking & skill development for careers of interest – keep doing this!



Networking & skill development for international researchers – diaspora groups



GSO* German Scholars Organization



* We empower
researchers to
build careers in
Germany.

9

Being productive and achieving your learning goals
during your postdoc

A postdoc is a training period that should last for a finite amount of time

2-3 or 5-6 years(?)

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***Research Fellows' and Research Scholars' net pay is equivalent after taxes; Research Scholars pay FICA taxes (Social Security and Medicare); therefore their base salary is adjusted to account for the taxes.*

Career meetings with mentor should happen frequently and be required annually by the postdoc office →also take ownership of this

Name:
PI:
Completed year(s) of training in the lab:

Updated July 2021

MSK Postdoc Annual Meeting Mentoring Form

These questions represent a guideline for the annual discussion between a postdoc and their advisor. The purpose of this meeting is to review progress on the postdoc's research project, career goals, and to evaluate progress towards developing desired skills. Prior to the meeting, the postdoc should prioritize the topics that they would like to discuss. **An opening question for all postdocs: What does success look like for you at this stage and how do you hold yourself accountable for getting there?**

Postgraduate year (PGY) 0-2 postdocs

1. Outline specific research-related goals for your defined project(s) for the next year.
2. What skillsets and training do you need to make progress to reaching these goals? (Ex. experimental techniques, teaching, mentoring, conferences to attend, writing reviews, introductions to collaborators)
3. Do you have plans for applying for postdoctoral fellowships and other awards in the next year? If yes, please provide names and deadlines.
4. What aspects of mentoring have you found to be most beneficial? Discuss how your advisor can provide advice in the most productive way.
5. Ask your advisor to provide feedback on your progress during the previous year. What specific area(s) require improvement?

PGY3+ postdocs

1. Comment on progress over the last year and whether you have achieved the research goals you previously set. Include discussion of anticipated project completion and plans for publications.
2. Are there any outstanding trainings or skillsets you need to develop to finish your project(s) and to prepare you for your next position? (Ex. experimental techniques, collaborations, teaching, mentoring, conferences, writing reviews)
3. Discuss the anticipated timeframe for beginning your job search and potential future career options. Suggest how your advisor can provide advice to you in the most productive way toward reaching your career goals.
4. Do you have plans for applying for any other fellowships or awards (such as career transition grants) in the next year?
5. Ask your advisor to provide feedback on your progress during the previous year. What specific area(s) require improvement?

Utilize the guidance provided by career development awards (even if you don't apply for award)

NIH Pathway to Independence Award (Parent K99/R00 Independent Clinical Trial Not Allowed)

K99/R00 Career Transition Award/Research Transition Award



STARTING GRANTS

Are you a talented early-career scientist who has already produced excellent supervised work, is ready to work independently and shows potential to be a research leader? The ERC Starting Grant could be for you.



Who can apply?

Researchers of any nationality with **2-7 years of experience since completion of PhD** (Extensions are possible under certain circumstances — see the latest [ERC Work Programme](#)), a scientific track record showing great promise and an excellent research proposal

Our Funding Programs

We promote and fund – together with strong partners to make Germany a future-proof location.

→ Our Programs

→ Klaus Tschira Boost Fund

→ Leadership Academy

→ Carl Zeiss Foundation Fund

→ Dr. Wilhelmy-GSO Travel Expenses Program

Important skills to develop, a timeline, and how

NIH Pathway to Independence Award (Parent K99/R00 Independent Clinical Trial Not Allowed)

K99/R00 Career Transition Award/Research Transition Award

Candidate's Plan for Career Development/Training Activities During Award Period

- A systematic plan should be presented for obtaining the biomedical, behavioral, or clinical science background, research experience, and career development activities necessary to launch the stated independent research career. Describe current activities and how they relate to the candidate's career development plans and career goals. Describe proposed activities, e.g., those that will lead to new and/or enhanced research skills and knowledge, as well as related skills such as grant-writing, communication, leadership, and laboratory management. The career development plan must be specifically tailored to meet the needs of the candidate and the goal of achieving independence as a researcher.

Describe how the skills and knowledge obtained during the mentored phase will enhance research productivity and facilitate the development of new approaches and directions for investigation. Describe how the career development plan will promote the candidate's success and transition to scientific independence. Candidates must justify the need for the award, particularly the mentored (K99) phase, and must provide a convincing case that the proposed period of support (1-2 years as a mentored candidate followed by up to 3 years as an independent scientist) will substantially enhance his/her career and/or will allow the pursuit of a novel or promising approach to a particular research problem. Candidates should make clear why additional mentored career development are critical before transitioning to research independence and pursuit of the proposed independent phase research.

The candidate must describe a plan, including a timeline with milestones, for evaluation of his/her progress during the mentored phase and for the transition to the independent phase.

Make official or unofficial mentoring committees

Have a co-mentor if your project enters different expertise of lab

Mentor, Co-Mentor, Consultant, Collaborators Section

All instructions in the SF424 (R&R) Application Guide must be followed, with the following additional instructions:

Plans and Statements of Mentor and Co-mentor(s)

- The application must include a statement from the primary mentor that provides: 1) information on his/her research qualifications and previous experience as a research supervisor; 2) a plan describing the nature of the supervision and mentoring that will occur during the proposed K99 award period, including how the candidate's scientific and professional independence will be promoted; 3) a description of the elements of the planned career development activities, including any formal course-work; 4) a plan for transitioning the candidate from the mentored phase to the independent phase of the award and a description of how the mentor will help the candidate achieve scientific independence from his/her mentor(s); 5) a statement identifying the components of the proposed research that the K99 applicant can take when he/she transitions to research independence and that can be part of his/her independent (R00) phase award; and 6) when appropriate, a statement affirming any resources and reagents that can be taken by the applicant to the independent phase of the award.
- The mentor should have sufficient independent research support to cover the costs of the proposed K99 research project in excess of the allowable costs of this award, and should state that needed costs will be covered. If funds are needed beyond what will be provided by the mentor, the source of additional funds should be identified and documented in a letter signed by the responsible individual.
- Similar information must be provided by all co-mentors. If more than one mentor is proposed, the respective areas of expertise, the responsibility of each, and the nature of the involvement with the candidate should be explicitly described. Co-mentors should describe clearly how they will coordinate with the primary mentor and the candidate to provide an integrated mentoring effort.
- The primary mentor must agree to write and provide annual evaluations of the candidate's progress for the initial mentored phase as required in the annual progress report.
- The mentor must agree to assist the candidate in transitioning to an independent research position by guiding the candidate during the job search and negotiation process and by commenting on the R00 phase application.
- If the applicant is proposing to gain experience in a clinical trial as part of his or her research career development, the mentor or a member of the mentoring team must include a statement to document leadership of the clinical trial, and appropriate expertise to guide the applicant in any proposed clinical trials research experience.

Letters of Support from Collaborators, Contributors and Consultants

- Signed statements must be provided by all collaborators and/or consultants confirming their participation in the project and describing their specific roles. Unless also listed as senior/key personnel, collaborators and consultants do not need to provide their biographical sketches. However, information should be provided clearly documenting the appropriate expertise in the proposed areas of consulting/collaboration.
- Advisory committee members (if applicable): Signed statements must be provided by each member of the proposed advisory committee. These statements should confirm their participation, describe their specific roles, and document the expertise they will contribute. Unless also listed as senior/key personnel, these individuals do not need to provide their biographical sketches.

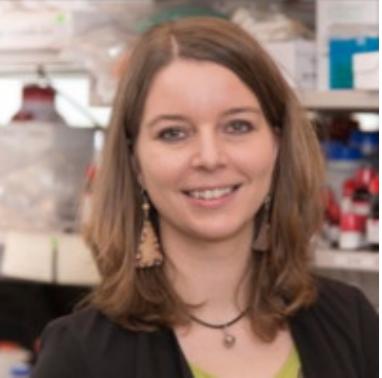
10

Launching your career after your postdoc:
Choosing a career
Preparing for career during postdoc

Germany → postdoc at MSKCC → exciting career path



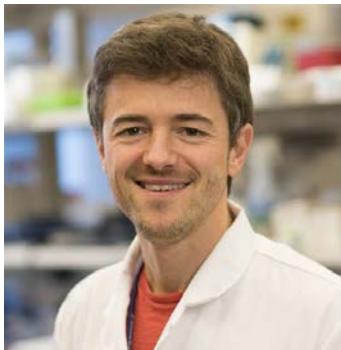
Benedikt Bosbach
Senior Principal Scientist, Pfizer, NYC
MSK PhD research exchange
Mentored junior postdocs;
Now mentors Pfizer industry postdocs



Susanne Kossatz
Assistant Professor
Technical University of Munich
K99 career grant



Gesa Junge
Senior Patent Technical Advisor
Cooley LLP, NYC
Career networking events



Josef Leibold
Group Leader
University of Tübingen
Collaborative clinical research



Bastian Zimmer
Group Leader
Evotec, Hamburg
Co-mentor for interdisciplinary work



Wilhelm Palm
Group Leader, DKFZ
Leadership for Scientists (Leadership Academy!)

After today's session

- Slides
- More information about research opportunities at MSKCC, how to navigate our website, how to get in touch
- stathist@mskcc.org
- <https://www.linkedin.com/in/thalyanasmithvikos/>

Questions? Thank you!

Why and how to consider doing a postdoc as part of your career
Research opportunities at MSKCC and in NYC

Types of career options after your postdoc

Finding postdoc opportunities

Applying for a postdoc and how to be a strong candidate

Choosing a postdoc advisor and lab

Learning about important resources at an institution (examples from MSKCC)

Utilizing supportive networks during your postdoc

Being productive and achieving your learning goals during your postdoc

Launching your career after your postdoc

11

Additional slides not presented

Sections of a CV

- Contact Information
- Education
- Research Experience
- Publications
- Patents
- Grants/Fellowships/Honors/Awards
- Conference Presentations
- Teaching/Mentoring Experience
- Leadership and Service
- Professional Societies
- References

Thalyana Stathis, PhD

Memorial Sloan Kettering Cancer Center

347-555-5555 | New York, NY | stathist@mskcc.org;

x@gmail.com MyNCBI: <https://bit.ly/2MDCGZu>

EDUCATION (usually first)

Heidelberg University, Heidelberg, Germany

2014

Ph.D., Microbiology

Thesis: The role of E6 and E7 in HPV tumorigenesis

Brown University, Providence, RI

2008

B.S., Computer Science,

Summa Cum Laude; GPA: 3.86

RESEARCH EXPERIENCE (usually second)

(list PhD and postdoc; list Master's/Bachelor's only if you published)

Postdoctoral Fellow

2015 - Present

Memorial Sloan Kettering Cancer Center, NYC, NY

PI: Jane Doe, MD PhD

Department: Computational and Systems Biology

Targeting TGFB as a potential cancer therapy

Identified several small molecule inhibitors of TGFB that inhibited metastasis of lung cancer cells in a mouse model. Characterized the mechanism of these inhibitors.

RESEARCH EXPERIENCE

Postdoctoral Fellow

Memorial Sloan Kettering Cancer Center, NYC, NY PI: Jane Doe, MD PhD

Department: Computational and Systems Biology

2015-Present

- Identified several small molecule inhibitors of TGFB that inhibited metastasis of lung cancer cells in a mouse model. Characterized the mechanism of these inhibitors.
- Introduced new computational techniques into lab including X, Y, and Z that were adopted by all lab members
- Initiated collaborations with biophysicists to solve structure of TGFB bound to small molecule
- Mentored >7 students, postdocs, and technicians; two students received thesis awards
- Updated and maintained lab safety protocols and ensured 100% compliance

FELLOWSHIPS AND AWARDS (list if you are PI or Co-PI)

K99/R00 Fellowship

2020 -2025

National Cancer Institute

K99 portion expires in May 2022

Damon Runyon Fellowship Award

2017 -2020

Damon Runyon Cancer Research Foundation

President's Fellowship

2012 -2014

Brown University

One of two PhD students awarded \$60,000 fellowship out of 300 applicants

PUBLICATIONS

First Author

- Stathis T, Buch, MHC, Murata, H, Erickson, K, Neu, U, Garcea, RL, Peden, K, Stehle, T, DiMaio, D. (2012). "Mutations in the GM1 Binding Site of SV40 VP1 Alter Receptor Usage and Cell Tropism" *J. Virol.* 86 (13):7028-42
- Stathis T, Almstead LL, Bellone, S, Prevatt EG, Santin, AD, DiMaio, D. (2012). "Primary Human Cervical Carcinoma Cells Require Human Papillomavirus E6 and E7 Expression for Ongoing Proliferation" *Virology* 422 (1): 114-124

Middle Author

- Luo Y, Motamedi N, Stathis T, Gee G, Atwood WJ, DiMaio D. (2016). "Cell surface GM1- VP1 interaction triggers SV40-induced vacuolization." *mBio* (Accepted)
- Pastrana DV, Ray U, Stathis T, Schowalter RM, Cuburu N, Buck CB. (2013). "BK Polyomavirus Genotypes Represent Distinct Serotypes With Distinct Entry Tropism" *J. Virol.* 87 (18):10105-13
- Goodwin EC, Lipovsky A, Inoue T, Stathis T, Edwards AP, Van Goor KE, Paton AW, Paton JC, Atwood WJ, Tsai B, Dimaio D. (2011). "BiP and Multiple DNAJ Molecular Chaperones in the Endoplasmic Reticulum are Required for Efficient Simian Virus 40 Infection" *mBio* 2(3): e101-111

TEACHING/MENTORING EXPERIENCE (can be separate)

Adjunct Professor

Hunter College , New York, NY

September 2016-May 2018

Introduction to Biology Lab (Four Semesters)

- Taught 28 undergraduate students each semester
- Used Blackboard platform to teach online portion of the course
- Average class grade on university-wide test was 10 points higher than all other sections
- Used multimedia technology such as clickers and iPhones to promote active

Mentor for Lia Ramos, City College of San Francisco Bridge to Bioscience intern

Fall 2014

Current status: Laboratory Assistant at Targene, Inc.

Mentor for Dirja Abudji, UCSF rotation student

Spring 2014

Current status: Graduate student in the Cheng lab

Mentor for Menlo Adi, UC Berkeley undergraduate student

Summer 2014

Current status: Graduate student in UCSF's Biomedical Sciences program

LEADERSHIP EXPERIENCE

Reviewer

JBC, Nature Communications, PLOS One

**2016 -
Present**

Conference Session Chair

Gorden Conference on DNA Repair

2018

Postdoc Symposium Poster Judge

Memorial Sloan Kettering

2017

Formula for a cover letter

Salutations

- Address letter to hiring committee or committee chairperson

Opening Paragraph

- Why you are writing and how you heard about the position

I am writing to apply for the tenure-track assistant professor position... I am currently a postdoctoral fellow... I am excited about the prospect of joining your institution, known for... I am very excited about this opportunity, as I share your institution's vision to...

My extensive research experience in...would fit well with your research efforts... I look forward to the possibility of working with... with the aim to... Your institution would provide an ideal home to successfully develop my research program by...

Formula for a coverletter

Middle Paragraphs

- Past accomplishments, impact of your work, and funding
- Briefly describe future directions
- Highlight fit for program

As a postdoctoral fellow, I have developed... (cite paper). I have successfully secured extramural funding through...

My postdoctoral training has focused on... As a PhD student, I...

As a junior faculty member, I aim to develop my research program by building on my recently published work... My three main research aims to continue this work are:

Formula for a coverletter

Closing Paragraph

- Why do you want to apply to this institution
- Point to attached documents
- Thank hiring committee for consideration

I believe that my work would contribute to your institution's goals of... especially...

I have enclosed my curriculum vitae with names of references and my research statement. Thank you for your consideration, and I look forward to hearing from you.

Reference Letters Content

- Their expertise; focus of their lab
- How long they have known you; your relationship history
- They have observed you excelling in your career; you are an outstanding researcher and are on your way to being a future world leader in the field
- Your accomplishments in your PhD and postdoc
- In their expert opinion, you have a bright future ahead of you because you have high-impact, intriguing and solid research questions for your research program
- You are an outstanding candidate for this position and they are confident you will excel, and you will be a good fit for the institution and will be a good colleague to department members